

ABSTRACT OF THE DISCLOSURE

The present invention relates to a protocol control integrated circuit configured by integrating, on one chip, hardware and control programs necessary for conducting data interchange through communications with portable type mediums, and used in common among various types of apparatus. Thus, the integrated circuit according to this invention is constructed by integrating, on one chip, a storage section for storing a control program prepared for protocols for a plurality of digital money different in mode from each other, a processing section for controlling the handling of the plurality of digital money, different in mode, by running the control program stored in the storage section, and an interface circuit connected to an external circuit including at least one of an external processing section and an external storage section for fulfilling an interface function between the external circuit and the processing section. Further, this invention is applicable to various types of transaction apparatus capable of handling, for example, digital money and credit transactions.